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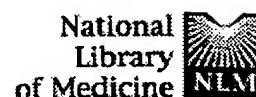
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
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
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
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

















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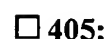
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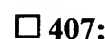
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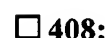
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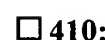
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










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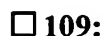
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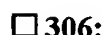


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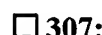


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CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> S MCP-1 OR MCP-1RA  
21 FILES SEARCHED...  
32 FILES SEARCHED...  
53 FILES SEARCHED...  
67 FILES SEARCHED...  
L1 40582 MCP-1 OR MCP-1RA

=> S L1 AND MCP-1RA  
51 FILES SEARCHED...  
L2 76 L1 AND MCP-1RA

=> DUP REM L2  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGMONOG2, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, IMSRESEARCH, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L2  
L3 47 DUP REM L2 (29 DUPLICATES REMOVED)

=> D L3 1-47

L3 ANSWER 1 OF 47 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN DUPLICATE 1  
AN 2004:265527 BIOSIS  
DN PREV200400271471  
TI \*\*\*MCP\*\*\* - \*\*\*1\*\*\* receptor antibodies.  
AU Charo, Israel R. [Inventor, Reprint Author]; Coughlin, Shaun R. [Inventor]  
CS San Francisco, CA, USA  
ASSIGNEE: The Regents of the University of California  
PI US 6730301 May 04, 2004  
SO official Gazette of the United States Patent and Trademark Office Patents,  
(May 4 2004) Vol. 1282, No. 1. <http://www.uspto.gov/web/menu/patdata.html>.  
e-file.  
ISSN: 0098-1133 (ISSN print).  
DT Patent  
LA English  
ED Entered STN: 26 May 2004  
Last Updated on STN: 26 May 2004

L3 ANSWER 2 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2  
AN 2004:633041 CAPLUS  
DN 141:172873  
TI Humanized anti-CCR2 chemokine receptor antibodies and recombinant  
production thereof, and methods of therapeutic, prophylactic and  
diagnostic uses therefor  
IN O'Keefe, Theresa; Ponath, Paul  
PA USA  
SO U.S. Pat. Appl. Publ., 128 pp., Cont.-in-part of U.S. Pat. Appl. 2004  
33,561.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 2

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
|      | -----           | ---  | -----    | -----           | -----    |
| PI   | US 2004151721   | A1   | 20040805 | US 2003-733563  | 20031210 |
|      | US 2004033561   | A1   | 20040219 | US 2002-272899  | 20021017 |
| PRAI | US 2001-350166P | P    | 20011019 |                 |          |
|      | US 2002-392364P | P    | 20020626 |                 |          |
|      | US 2002-272899  | A2   | 20021017 |                 |          |

L3 ANSWER 3 OF 47 IFIPAT COPYRIGHT 2005 IFI on STN DUPLICATE 3  
AN 10716719 IFIPAT;IFIUDB;IFICDB  
TI MAMMALIAN MONOCYTE CHEMOATTRACTANT PROTEIN RECEPTORS  
IN Charo Israel R; Coughlin Shaun R  
PA California, University of Regents (13234)  
PI US 2004223968 A1 20041111  
AI US 2004-791166 20040301  
RLI US 1995-446669 19950525 CONTINUATION 6132987  
US 2000-625573 20000725 CONTINUATION 6730301

FI US 1994-182962 19940113 CONTINUATION-IN-PART ABANDONED  
 US 2004223968 20041111  
 US 6132987  
 US 6730301  
 DT Utility; Patent Application - First Publication  
 FS CHEMICAL  
 APPLICATION  
 CLMN 17  
 GI 8 Figure(s).  
 FIG. 1 illustrates the human cDNA and amino acid sequences (SEQ ID NO: 1 and SEQ ID NO: 2, respectively) of the isolated \*\*\*MCP\*\*\* - \*\*\*1\*\*\* receptor clone, \*\*\*MCP\*\*\* - \*\*\*1\*\*\* RA.  
 FIG. 2 illustrates the human cDNA and amino acid sequences (SEQ ID NO: 3 and SEQ ID NO: 4, respectively) of the isolated \*\*\*MCP\*\*\* - \*\*\*1\*\*\* receptor clone, MCP-1RB.  
 FIG. 3 illustrates the results of Northern blot analysis of hematopoietic cell lines that were probed for \*\*\*MCP\*\*\* - \*\*\*1RA\*\*\* and MCP1RB mRNA.  
 FIG. 4 illustrates the predicted amino acid sequence of the MCP1 receptor A ( \*\*\*MCP\*\*\* - \*\*\*1RA\*\*\* ) (SEQ ID NO: 2), aligned with the MIP-1 alpha /RANTES receptor sequence (SEQ ID NO: 5), the orphan receptor sequence HUMSTR (SEQ ID NO:6) and the two IL-8 receptor sequences (SEQ ID NOS: 7 and 8). Identical residues are boxed. The seven putative transmembrane domains are indicated by the horizontal bars. Gaps inserted to optimize the alignments are indicated by dashes. Amino acid numbers for each sequence are located to the right of the sequences.  
 FIG. 5 graphically depicts the functional expression of MCP-1R protein in Xenopus oocytes as assayed by measuring calcium mobilization in the presence of \*\*\*MCP\*\*\* - \*\*\*1\*\*\* .  
 FIG. 6 graphically depicts the results of the calcium efflux assay used to confirm gene expression and responsiveness to MCP1 as described in Example 4.  
 FIG. 7 graphically depicts the binding of <sup>125</sup>I- \*\*\*MCP\*\*\* - \*\*\*1\*\*\* to the recombinant MCP-1RB receptor, as described in detail in Example 5.  
 FIG. 8 graphically depicts the results of the MCP-1RB receptor mediated calcium mobilization experiments also described in detail in Example 5.  
 8A depicts intracellular calcium flux as a function of \*\*\*MCP\*\*\* - \*\*\*1\*\*\* concentration (nM). Calcium transients peaked at 4-8 sec. after addition of \*\*\*MCP\*\*\* - \*\*\*1\*\*\* and returned to baseline within 90 sec. of activation. 8B depicts the \*\*\*MCP\*\*\* - \*\*\*1\*\*\* stimulated calcium mobilization (EC<sub>50</sub>=3.4 nM) and the lack of stimulated calcium mobilization by other cytokines. 8C illustrates that \*\*\*MCP\*\*\* - \*\*\*1\*\*\* desensitized the cells to a second addition of \*\*\*MCP\*\*\* - \*\*\*1\*\*\* .

L3 ANSWER 4 OF 47 IFIPAT COPYRIGHT 2005 IFI on STN DUPLICATE 4  
 AN 10712395 IFIPAT;IFIUDB;IFICDB  
 TI \*\*\*MCP\*\*\* - \*\*\*1\*\*\* RECEPTOR ANTIBODIES  
 IN Charo Israel R; Coughlin Shaun R  
 PA California, University of Regents (13234)  
 PI US 2004219644 A1 20041104  
 AI US 2004-791592 20040301  
 RLI US 1995-446669 19950525 CONTINUATION 6132987  
 US 2000-625573 20000725 CONTINUATION 6730301  
 US 1994-182962 19940113 CONTINUATION-IN-PART ABANDONED  
 FI US 2004219644 20041104  
 US 6132987  
 US 6730301  
 DT Utility; Patent Application - First Publication  
 FS CHEMICAL  
 APPLICATION  
 CLMN 12  
 GI 8 Figure(s).

FIG. 1 illustrates the human cDNA and amino acid sequences (SEQ ID NO: 1 and SEQ ID NO: 2, respectively) of the isolated \*\*\*MCP\*\*\* - \*\*\*1\*\*\* receptor clone, \*\*\*MCP\*\*\* - \*\*\*1RA\*\*\* .  
 FIG. 2 illustrates the human cDNA and amino acid sequences (SEQ ID NO: 3 and SEQ ID NO: 4, respectively) of the isolated \*\*\*MCP\*\*\* - \*\*\*1\*\*\* receptor clone, MCP-1RB.  
 FIG. 3 illustrates the results of Northern blot analysis of hematopoietic cell lines that were probed for \*\*\*MCP\*\*\* - \*\*\*1RA\*\*\* and MCP1RB mRNA.  
 FIG. 4 illustrates the predicted amino acid sequence of the MCP1 receptor A ( \*\*\*MCP\*\*\* - \*\*\*1RA\*\*\* ) (SEQ ID NO: 2), aligned with the MIP-1 alpha /RANTES receptor sequence (SEQ ID NO: 5), the orphan receptor sequence HUMSTR (SEQ ID NO:6) and the two IL-8 receptor sequences (SEQ

ID NOS: 7 and 8). Identical residues are boxed. The seven putative transmembrane domains are indicated by the horizontal bars. Gaps inserted to optimize the alignments are indicated by dashes. Amino acid numbers for each sequence are located to the right of the sequences.

FIG. 5 graphically depicts the functional expression of MCP-1R protein in *Xenopus* oocytes as assayed by measuring calcium mobilization in the presence of \*\*\*MCP\*\*\* - \*\*\*1\*\*\*.

FIG. 6 graphically depicts the results of the calcium efflux assay used to confirm gene expression and responsiveness to MCP1 as described in Example 4.

FIG. 7 graphically depicts the binding of <sup>125</sup>I- \*\*\*MCP\*\*\* - \*\*\*1\*\*\* to the recombinant MCP-1RB receptor, as described in detail in Example 5.

FIG. 8 graphically depicts the results of the MCP-1RB receptor-mediated calcium mobilization experiments also described in detail in Example 5.

8A depicts intracellular calcium flux as a function of \*\*\*MCP\*\*\* - \*\*\*1\*\*\* concentration (nM). Calcium transients peaked at 4-8 sec. after addition of \*\*\*MCP\*\*\* - \*\*\*1\*\*\* and returned to baseline within 90 sec. of activation. 8B depicts the \*\*\*MCP\*\*\* - \*\*\*1\*\*\* stimulated calcium mobilization (EC<sub>50</sub>=3.4 nM) and the lack of stimulated calcium mobilization by other cytokines. 8C illustrates that \*\*\*MCP\*\*\* - \*\*\*1\*\*\* desensitized the cells to a second addition of \*\*\*MCP\*\*\* - \*\*\*1\*\*\*.

L3 ANSWER 5 OF 47 USPATFULL on STN  
AN 2004:334226 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., Newton, MA, UNITED STATES  
Newman, Walter, Boston, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., a Delaware corporation (U.S. corporation)  
PI US 2004265303 A1 20041230  
AI US 2004-826454 A1 20040416 (10)  
RLI Continuation of Ser. No. US 2001-898513, filed on 3 Jul 2001, PENDING  
Continuation of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat. No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 2077  
INCL INCLM: 424/143.100  
INCLS: 530/388.220  
NCL NCLM: 424/143.100  
NCLS: 530/388.220  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-28  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 47 USPATFULL on STN  
AN 2004:172816 USPATFULL  
TI Humanized anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., Newton, MA, UNITED STATES  
Horvath, Christopher, Taunton, MA, UNITED STATES  
Newman, Walter, Boston, MA, UNITED STATES  
Jones, S. Tarran, Radlett, UNITED KINGDOM  
O'Brien, Siobhan H., London, UNITED KINGDOM  
O'Keefe, Theresa, Waltham, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)  
PI US 2004132980 A1 20040708  
AI US 2004-766610 A1 20040127 (10)  
RLI Division of Ser. No. US 2001-840459, filed on 23 Apr 2001, GRANTED, Pat. No. US 6696550 Continuation of Ser. No. WO 2001-US3537, filed on 2 Feb 2001, PENDING Continuation-in-part of Ser. No. US 2000-497625, filed on 3 Feb 2000, GRANTED, Pat. No. US 6727349 Continuation-in-part of Ser. No. US 1999-359193, filed on 22 Jul 1999, GRANTED, Pat. No. US 6352832 Continuation-in-part of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat. No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 5361  
INCL INCLM: 530/388.150  
INCLS: 536/023.530; 435/069.100; 435/328.000; 435/320.100  
NCL NCLM: 530/388.150  
NCLS: 536/023.530; 435/069.100; 435/328.000; 435/320.100  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K016-44; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 47 USPATFULL on STN  
AN 2004:165363 USPATFULL  
TI Humanized anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., Newton, MA, UNITED STATES  
Horvath, Christopher, Taunton, MA, UNITED STATES  
Newman, Walter, Boston, MA, UNITED STATES  
Jones, S. Tarran, Hertfordshire, UNITED KINGDOM  
O'Brien, Siobhan H., London, UNITED KINGDOM  
O'Keefe, Theresa, Waltham, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)  
PI US 2004126851 A1 20040701  
AI US 2004-766773 A1 20040127 (10)  
RLI Division of Ser. No. US 2000-497625, filed on 3 Feb 2000, GRANTED, Pat.  
No. US 6727349 Continuation-in-part of Ser. No. US 1999-359193, filed on  
22 Jul 1999, GRANTED, Pat. No. US 6352832 Continuation-in-part of Ser.  
No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat. No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 5057  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/328.000; 530/388.150; 536/023.530  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/328.000; 530/388.150; 536/023.530  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K016-44; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 47 USPATFULL on STN  
AN 2004:103762 USPATFULL  
TI Recombinant anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., Newton, MA, United States  
Horvath, Christopher, Taunton, MA, United States  
Newman, Walter, Boston, MA, United States  
Jones, S. Tarran, Radlett, UNITED KINGDOM  
O'Brien, Siobhan H., Finchley, UNITED KINGDOM  
O'Keefe, Theresa, Waltham, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
PI US 6727349 B1 20040427  
AI US 2000-497625 20000203 (9)  
RLI Continuation-in-part of Ser. No. US 1999-359193, filed on 22 Jul 1999,  
now patented, Pat. No. US 6352832 Continuation-in-part of Ser. No. US  
1998-121781, filed on 23 Jul 1998, now patented, Pat. No. US 6312689  
DT Utility  
FS GRANTED  
LN.CNT 5356  
INCL INCLM: 530/387.300  
INCLS: 424/130.100; 424/156.100; 530/387.100; 530/388.230  
NCL NCLM: 530/387.300  
NCLS: 424/130.100; 424/156.100; 530/387.100; 530/388.230  
IC [7]  
ICM: C07K016-00  
EXF 530/387.1; 530/387.3; 530/388.1; 530/388.23; 530/300; 530/350;  
424/130.1; 424/133.1; 424/135.1; 424/156.1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 47 USPATFULL on STN DUPLICATE 5  
AN 2003:52384 USPATFULL  
TI COMPOSITIONS AND METHODS FOR WOUND HEALING  
IN HEBER-KATZ, ELLEN, PHILADELPHIA, PA, UNITED STATES  
PI US 2003037345 A1 20030220  
US 6538173 B2 20030325  
AI US 1999-249155 A1 19990212 (9)  
PRAI US 1998-74737P 19980213 (60)  
US 1998-97937P 19980826 (60)  
US 1998-102051P 19980928 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3622  
INCL INCLM: 800/003.000  
INCLS: 435/004.000; 435/006.000; 424/009.100  
NCL NCLM: 800/008.000  
NCLS: 424/009.100; 435/004.000; 435/006.000; 800/003.000

IC [7]  
ICM: A61K049-00  
ICS: C12Q001-68; C12Q001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 47 USPATFULL on STN  
AN 2003:325926 USPATFULL  
TI Compositions and methods for wound healing  
IN Heber-Katz, Ellen, Philadelphia, PA, UNITED STATES  
PA The Wistar Institute, Philadelphia, PA, UNITED STATES, 19104-4268 (U.S. corporation)  
PI US 2003229911 A1 20031211  
AI US 2002-314322 A1 20021209 (10)  
RLI Division of Ser. No. US 1999-249155, filed on 12 Feb 1999, GRANTED, Pat. No. US 6538173  
PRAI US 1998-102051P 19980928 (60)  
US 1998-97937P 19980826 (60)  
US 1998-74737P 19980213 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5324  
INCL INCLM: 800/018.000  
INCLS: 800/009.000  
NCL NCLM: 800/018.000  
NCLS: 800/009.000  
IC [7]  
ICM: A01K067-027  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 47 USPATFULL on STN  
AN 2003:237867 USPATFULL  
TI Human G-protein chemokine receptor (CCR5) HDGMR10  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Roschke, Viktor, Rockville, MD, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003166024 A1 20030904  
AI US 2002-135839 A1 20020501 (10)  
RLI Continuation of Ser. No. US 2001-779879, filed on 9 Feb 2001, ABANDONED  
PRAI US 2000-181258P 20000209 (60)  
US 2000-187999P 20000309 (60)  
US 2000-234336P 20000922 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 17941  
INCL INCLM: 435/007.230  
INCLS: 435/069.100; 435/320.100; 530/388.220; 536/023.530; 435/334.000  
NCL NCLM: 435/007.230  
NCLS: 435/069.100; 435/320.100; 530/388.220; 536/023.530; 435/334.000  
IC [7]  
ICM: G01N033-574  
ICS: C07H021-04; C12P021-02; C07K016-30; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 47 USPATFULL on STN  
AN 2003:237337 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., Newton, MA, UNITED STATES  
Newman, Walter, Boston, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, UNITED STATES (U.S. corporation)  
PI US 2003165494 A1 20030904  
AI US 2001-898513 A1 20010703 (9)  
RLI Continuation of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat. No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 2077  
INCL INCLM: 424/130.100  
INCLS: 424/141.100; 424/143.100; 424/159.100; 530/388.220; 530/388.230; 530/389.200  
NCL NCLM: 424/130.100  
NCLS: 424/141.100; 424/143.100; 424/159.100; 530/388.220; 530/388.230; 530/389.200  
IC [7]



ICM: A61K039-395  
ICS: A61K039-42; C07K016-00; C12P021-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 47 USPATFULL on STN  
AN 2003:213656 USPATFULL  
TI DNA encoding novel chemokine receptors  
IN Au-Young, Janice, Berkeley, CA, UNITED STATES  
Bandman, Olga, Mountain View, CA, UNITED STATES  
Coleman, Roger, Mountain View, CA, UNITED STATES  
Wilde, Craig G., Sunnyvale, CA, UNITED STATES  
PI US 2003148294 A1 20030807  
AI US 2002-95876 A1 20020311 (10)  
RLI Continuation of Ser. No. US 1996-638081, filed on 26 Apr 1996, ABANDONED  
DT Utility  
FS APPLICATION  
LN.CNT 2015  
INCL INCLM: 435/006.000  
INCLS: 435/069.500; 435/069.100; 435/320.100; 435/325.000; 530/350.000;  
536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.500; 435/069.100; 435/320.100; 435/325.000; 530/350.000;  
536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12P021-02; C07K014-715  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 47 USPATFULL on STN  
AN 2003:207326 USPATFULL  
TI Method of identifying inhibitors of C-C chemokine receptor 3  
IN Gerard, Craig J., Dover, MA, UNITED STATES  
Gerard, Norma P., Dover, MA, UNITED STATES  
Mackay, Charles R., Watertown, MA, UNITED STATES  
Ponath, Paul D., Boston, MA, UNITED STATES  
Post, Theodore W., Newton, MA, UNITED STATES  
Qin, Shixin, Lexington, MA, UNITED STATES  
PA Children's Medical Center Corporation, Boston, MA (U.S. corporation)  
Brigham & Women's Hospital, Boston, MA (U.S. corporation)  
Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)  
PI US 2003143684 A1 20030731  
AI US 2002-283028 A1 20021028 (10)  
RLI Continuation of Ser. No. US 1996-720565, filed on 30 Sep 1996, PENDING  
Continuation-in-part of Ser. No. WO 1996-US608, filed on 19 Jan 1996,  
PENDING Continuation-in-part of Ser. No. US 1995-375199, filed on 19 Jan  
1995, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 4396  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 424/143.100; 530/350.000; 530/388.220;  
536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 424/143.100; 530/350.000; 530/388.220;  
536/023.500  
IC [7]  
ICM: C12P021-02  
ICS: C12N005-06; C07K014-715; C07K016-28; C07H021-04; A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 47 USPATFULL on STN  
AN 2003:146312 USPATFULL  
TI Human G-protein Chemokine Receptor (CCR5) HDGMR10  
IN Roschke, Viktor, Rockville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003100058 A1 20030529  
AI US 2002-67800 A1 20020208 (10)  
RLI Continuation-in-part of Ser. No. WO 2001-US4153, filed on 9 Feb 2001,  
UNKNOWN Continuation-in-part of Ser. No. US 2001-779880, filed on 9 Feb  
2001, PENDING  
PRAI US 2001-297257P 20010612 (60)  
US 2001-310458P 20010808 (60)  
US 2001-328447P 20011012 (60)  
US 2001-341725P 20011221 (60)

DT Utility  
FS APPLICATION  
LN.CNT 18955  
INCL INCLM: 435/069.100  
INCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530  
NCL NCLM: 435/069.100  
NCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530  
IC [7]  
ICM: C12P021-02  
ICS: C07H021-04; C12N005-06; C07K016-30  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 47 USPATFULL on STN  
AN 2003:222015 USPATFULL  
TI Compositions for the detection of blood cell and immunological response  
gene expression  
IN Cocks, Benjamin G., Sunnyvale, CA, United States  
Stuart, Susan G., Montara, CA, United States  
Seilhamer, Jeffrey J., Los Altos Hills, CA, United States  
PA Incyte Corporation, Palo Alto, CA, United States (U.S. corporation)  
PI US 6607879 B1 20030819  
AI US 1998-23655 19980209 (9)  
DT Utility  
FS GRANTED  
LN.CNT 3719  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 536/023.100; 536/024.100; 536/024.300; 536/024.310;  
536/024.320; 536/024.330  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 536/023.100; 536/024.100; 536/024.300; 536/024.310;  
536/024.320; 536/024.330  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-00  
EXF 435/6; 435/69.1; 536/22.1; 536/23.1; 536/24.1; 536/24.3-24.33  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 17 OF 47 USPATFULL on STN  
AN 2003:81589 USPATFULL  
TI Method of identifying inhibitors of C--C chemokine receptor 3  
IN Gerard, Craig J., Dover, MA, United States  
Gerard, Norma P., Dover, MA, United States  
Mackay, Charles R., Watertown, MA, United States  
Ponath, Paul D., Boston, MA, United States  
Post, Theodore W., Newton, MA, United States  
Qin, Shixin, Lexington, MA, United States  
PA Children's Medical Center Corporation, Boston, MA, United States (U.S.  
corporation)  
Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
Brigham & Women's Hospital, Boston, MA, United States (U.S. corporation)  
PI US 6537764 B1 20030325  
AI US 1996-720565 19960930 (8)  
RLI Continuation-in-part of Ser. No. WO 1996-US608, filed on 19 Jan 1996  
Continuation-in-part of Ser. No. US 1995-375199, filed on 19 Jan 1995  
DT Utility  
FS GRANTED  
LN.CNT 4524  
INCL INCLM: 435/007.210  
INCLS: 435/007.100; 435/007.200  
NCL NCLM: 435/007.210  
NCLS: 435/007.100; 435/007.200  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-566  
EXF 536/23.4; 536/23.5; 435/69.1; 435/69.7; 435/325; 435/320.1; 435/7.2;  
435/7.1; 435/7.21; 530/300; 530/350; 436/501; 436/536  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 18 OF 47 USPATFULL on STN DUPLICATE 6  
AN 2002:272461 USPATFULL  
TI Humanized anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., Newton, MA, UNITED STATES  
Horvath, Christopher, Taunton, MA, UNITED STATES  
Newman, Walter, Boston, MA, UNITED STATES  
Jones, S. Tarran, Radlett, UNITED KINGDOM

O'Brien, Siobhan H., London, UNITED KINGDOM  
O'Keefe, Theresa, Waltham, MA, UNITED STATES  
PI US 2002150576 A1 20021017  
US 6696550 B2 20040224  
AI US 2001-840459 A1 20010423 (9)  
RLI Continuation of Ser. No. WO 2001-US3537, filed on 2 Feb 2001, UNKNOWN  
Continuation-in-part of Ser. No. US 2000-497625, filed on 3 Feb 2000,  
PENDING Continuation-in-part of Ser. No. US 1999-359193, filed on 22 Jul  
1999, UNKNOWN Continuation-in-part of Ser. No. US 1998-121781, filed on  
23 Jul 1998, UNKNOWN  
DT Utility  
FS APPLICATION  
LN.CNT 5446  
INCL INCLM: 424/142.100  
INCLS: 530/388.150  
NCL NCLM: 530/388.230  
NCLS: 424/130.100; 424/133.100; 424/156.100; 530/387.100; 530/387.300  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 19 OF 47 USPATFULL on STN DUPLICATE 7  
AN 2002:272455 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, UNITED STATES (U.S.  
corporation)  
PI US 2002150570 A1 20021017  
US 6491915 B2 20021210  
AI US 2001-895723 A1 20010629 (9)  
RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat.  
No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 1889  
INCL INCLM: 424/130.100  
INCLS: 424/143.100; 424/134.100; 424/141.100; 424/085.100; 530/388.220;  
530/388.230; 530/389.100  
NCL NCLM: 424/130.100  
NCLS: 424/085.100; 424/134.100; 424/141.100; 424/143.100; 530/388.220;  
530/388.230; 530/389.100  
IC [7]  
ICM: A61K045-00  
ICS: A61K039-395; A61K039-40; A61K039-42; C07K016-00; C12P021-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 20 OF 47 USPATFULL on STN DUPLICATE 8  
AN 2002:98887 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory L., West Roxbury, MA, UNITED STATES  
PA Millennium Pharamaceuticals, Inc., Cambridge, MA (U.S. corporation)  
PI US 2002051782 A1 20020502  
US 6448021 B2 20020910  
AI US 2001-905849 A1 20010713 (9)  
RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat.  
No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 1961  
INCL INCLM: 424/130.100  
INCLS: 424/145.100; 435/007.100; 536/023.500  
NCL NCLM: 435/007.100  
NCLS: 424/141.100; 435/005.000; 435/007.930; 435/007.940; 435/345.000  
IC [7]  
ICM: A61K039-395  
ICS: G01N033-53; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 21 OF 47 USPATFULL on STN DUPLICATE 9  
AN 2002:98886 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, UNITED STATES  
PI US 2002051781 A1 20020502  
US 6406694 B2 20020618  
AI US 2001-896309 A1 20010629 (9)

RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat.  
No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 1890  
INCL INCLM: 424/130.100  
INCLS: 530/388.230; 435/335.000  
NCL NCLM: 424/130.100  
NCLS: 424/085.100; 424/134.100; 424/141.100; 424/143.100; 530/388.220;  
530/388.230; 530/389.100  
IC [7]  
ICM: A61K039-395  
ICS: C12N005-06; C07K016-24  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 22 OF 47 USPATFULL on STN DUPLICATE 10  
AN 2002:66634 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, UNITED STATES  
PI US 2002037285 A1 20020328  
US 6458353 B2 20021001  
AI US 2001-866970 A1 20010529 (9)  
RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 1727  
INCL INCLM: 424/130.100  
INCLS: 530/388.100; 424/144.100; 424/143.100; 424/135.100  
NCL NCLM: 424/130.100  
NCLS: 424/141.100; 424/143.100; 424/159.100; 435/069.100; 530/388.220;  
530/388.230; 530/389.200  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-28; C12P021-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 23 OF 47 USPATFULL on STN DUPLICATE 11  
AN 2002:48245 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)  
PI US 2002028436 A1 20020307  
US 6395497 B2 20020528  
AI US 2001-905835 A1 20010713 (9)  
RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat.  
No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 1934  
INCL INCLM: 435/005.000  
INCLS: 424/130.100; 424/143.100; 435/007.100  
NCL NCLM: 435/007.100  
NCLS: 424/141.100; 435/005.000; 435/007.930; 435/007.940; 435/345.000  
IC [7]  
ICM: A61K039-395  
ICS: C12Q001-70; G01N033-53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 24 OF 47 USPATFULL on STN DUPLICATE 12  
AN 2002:26855 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, UNITED STATES (U.S.  
corporation)  
PI US 2002015700 A1 20020207  
US 6406865 B2 20020618  
AI US 2001-905847 A1 20010713 (9)  
RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat.  
No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 1943  
INCL INCLM: 424/130.100  
INCLS: 424/142.100; 424/145.100; 530/388.200; 530/388.700; 530/388.750;  
530/389.600; 530/388.230  
NCL NCLM: 435/007.100

IC NCLS: 424/141.100; 435/005.000; 435/007.930; 435/007.940; 435/345.000  
[7]  
ICM: A61K039-395  
ICS: A61K039-40; A61K039-42; C07K016-00; C12P021-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 25 OF 47 USPATFULL on STN DUPLICATE 13  
AN 2002:21829 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)  
PI US 2002012664 A1 20020131  
US 6451522 B2 20020917  
AI US 2001-905848 A1 20010713 (9)  
RLI Division of Ser. No. US 1998-121781, filed on 23 Jul 1998, GRANTED, Pat.  
No. US 6312689  
DT Utility  
FS APPLICATION  
LN.CNT 1994  
INCL INCLM: 424/130.100  
INCLS: 435/007.900; 435/005.000  
NCL NCLM: 435/005.000  
NCLS: 424/141.100; 435/007.100; 435/007.930; 435/007.940; 435/345.000  
IC [7]  
ICM: A61K039-395  
ICS: G01N033-53; G01N033-542; C12Q001-70  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 26 OF 47 USPATFULL on STN  
AN 2002:280593 USPATFULL  
TI Gene expression profiling of antidepressant action in the brain  
IN Bonaventure, Pascal, San Diego, CA, UNITED STATES  
Quo, Hongqing, San Diego, CA, UNITED STATES  
Liu, Xuejun, San Diego, CA, UNITED STATES  
Kamme, Fredrik, San Diego, CA, UNITED STATES  
Meurers, Bernhard, La Jolla, CA, UNITED STATES  
Leysen, Josepha E.M.F., Oud-Turnhout, BELGIUM  
Bakker, Margot H.M., Breda, NETHERLANDS  
PI US 2002156038 A1 20021024  
AI US 2001-971900 A1 20011004 (9)  
PRAI US 2000-238374P 20001006 (60)  
US 2001-295782P 20010604 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 6849  
INCL INCLM: 514/044.000  
INCLS: 435/006.000; 435/287.200  
NCL NCLM: 514/044.000  
NCLS: 435/006.000; 435/287.200  
IC [7]  
ICM: A61K048-00  
ICS: C12Q001-68; C12M001-34  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 27 OF 47 USPATFULL on STN  
AN 2002:119846 USPATFULL  
TI Human G-protein Chemokine receptor (CCR5) HDGMR10  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Roschke, Viktor, Rockville, MD, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PI US 2002061834 A1 20020523  
AI US 2001-779880 A1 20010209 (9)  
PRAI US 2000-181258P 20000209 (60)  
US 2000-187999P 20000309 (60)  
US 2000-234336P 20000922 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 18667  
INCL INCLM: 514/001.000  
INCLS: 530/350.000; 536/023.500; 435/325.000; 435/320.100; 435/069.100  
NCL NCLM: 514/001.000  
NCLS: 530/350.000; 536/023.500; 435/325.000; 435/320.100; 435/069.100  
IC [7]  
ICM: A61K031-00  
ICS: C07H021-04; C07K014-705; C12N005-06; C12P021-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 28 OF 47 USPATFULL on STN  
AN 2002:92268 USPATFULL  
TI Human G-protein Chemokine Receptor HDGMR10  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Roschke, Viktor, Rockville, MD, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PI US 2002048786 A1 20020425  
AI US 2001-779879 A1 20010209 (9)  
PRAI US 2000-181258P 20000209 (60)  
US 2000-187999P 20000309 (60)  
US 2000-234336P 20000922 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 17969  
INCL INCLM: 435/069.100  
INCLS: 536/023.500; 424/130.100; 514/012.000; 435/007.200; 435/325.000  
NCL NCLM: 435/069.100  
NCLS: 536/023.500; 424/130.100; 514/012.000; 435/007.200; 435/325.000  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; A61K038-00; C07H021-04; C12P021-06; A61K039-395;  
C12N005-02; C12N005-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 29 OF 47 USPATFULL on STN  
AN 2002:45472 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, United States  
Horvath, Christopher, Taunton, MA, United States  
Newman, Walter, Boston, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
PI US 6352832 B1 20020305  
AI US 1999-359193 19990722 (9)  
RLI Continuation-in-part of Ser. No. US 1998-121781, filed on 23 Jul 1998  
DT Utility  
FS GRANTED  
LN.CNT 2322  
INCL INCLM: 435/007.100  
INCLS: 435/005.000; 435/345.000; 435/343.000; 435/343.200; 436/548.000  
NCL NCLM: 435/007.100  
NCLS: 435/005.000; 435/343.000; 435/343.200; 435/345.000; 436/548.000  
IC [7]  
ICM: G01N033-53  
EXF 435/5; 435/7.1; 435/345; 435/343; 435/343.2; 436/548  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 30 OF 47 USPATFULL on STN  
AN 2001:196598 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
PI US 6312689 B1 20011106  
AI US 1998-121781 19980723 (9)  
DT Utility  
FS GRANTED  
LN.CNT 2209  
INCL INCLM: 424/130.100  
INCLS: 424/143.100; 424/159.100; 424/141.100; 530/388.220; 530/388.230;  
530/389.200  
NCL NCLM: 424/130.100  
NCLS: 424/141.100; 424/143.100; 424/159.100; 530/388.220; 530/388.230;  
530/389.200  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-00  
EXF 424/143.1; 424/130.1; 424/159.1; 424/141.1; 530/388.22; 530/388.23;  
530/389.2

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 31 OF 47 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN DUPLICATE 14

AN 2001:245318 BIOSIS  
DN PREV200100245318  
TI Recombinant mammalian monocyte chemotactic protein-1 ( \*\*\*MCP\*\*\* -  
\*\*\*1\*\*\* ) receptors (MCP-1R, CCR-2).  
AU Charo, Israel F. [Inventor, Reprint author]; Coughlin, Shaun R. [Inventor]  
CS Lafayette, CA, USA  
ASSIGNEE: The Regents of the University of California  
PI US 6132987 October 17, 2000  
SO Official Gazette of the United States Patent and Trademark Office Patents,  
(Oct. 17, 2000) Vol. 1239, No. 3. e-file.  
CODEN: OGUPE7. ISSN: 0098-1133.  
DT Patent  
LA English  
ED Entered STN: 23 May 2001  
Last Updated on STN: 19 Feb 2002

L3 ANSWER 32 OF 47 USPATFULL on STN  
AN 2000:77189 USPATFULL  
TI Mouse arrays and kits comprising the same  
IN Chenchik, Alex, Palo Alto, CA, United States  
Lukashev, Matvey, Newton, MA, United States  
PA Clontech Laboratories, Inc., Palo Alto, CA, United States (U.S.  
corporation)  
PI US 6077673 20000620  
AI US 1998-222248 19981228 (9)  
RLI Continuation-in-part of Ser. No. US 1998-53375, filed on 31 Mar 1998  
DT Utility  
FS Granted  
LN.CNT 1655  
INCL INCLM: 435/006.000  
INCLS: 422/068.100; 435/283.100; 435/285.100; 435/286.100; 435/286.200;  
435/287.100; 435/287.200; 435/287.700; 435/287.900; 435/289.100;  
435/299.100  
NCL NCLM: 435/006.000  
NCLS: 422/068.100; 435/283.100; 435/285.100; 435/286.100; 435/286.200;  
435/287.100; 435/287.200; 435/287.700; 435/287.900; 435/289.100;  
435/299.100  
IC [7]  
ICM: C12Q001-68  
EXF 422/50; 422/68.1; 435/283.1; 435/285.1; 435/286.1; 435/286.2; 435/287.1;  
435/287.2; 435/287.7; 435/287.9; 435/289.1; 435/299.1; 435/6  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 33 OF 47 USPATFULL on STN  
AN 1999:155460 USPATFULL  
TI Methods of assaying differential expression  
IN Chenchik, Alex, Palo Alto, CA, United States  
Jokhadze, George, Mountain View, CA, United States  
Bibilashvilli, Robert, Moscow, Russian Federation  
PA Clontech Laboratories, Inc., Palo Alto, CA, United States (U.S.  
corporation)  
PI US 5994076 19991130  
AI US 1997-859998 19970521 (8)  
DT Utility  
FS Granted  
LN.CNT 13450  
INCL INCLM: 435/006.000  
INCLS: 435/091.100; 435/091.200; 536/023.100; 536/024.300; 536/024.310;  
536/024.330  
NCL NCLM: 435/006.000  
NCLS: 435/091.100; 435/091.200; 536/023.100; 536/024.300; 536/024.310;  
536/024.330  
IC [6]  
ICM: C12Q001-68  
ICS: C12P019-34; C07H021-02; C07H021-04  
EXF 435/6; 435/91.1; 435/91.2; 536/24.3; 536/24.31; 536/24.33; 536/23.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 34 OF 47 IFIPAT COPYRIGHT 2005 IFI on STN DUPLICATE 15  
AN 02930013 IFIPAT;IFIUDB;IFICDB  
TI MAMMALIAN MONOCYTE CHEMOATTRACTANT PROTEIN RECEPTORS AND ASSAYS USING  
THEM; POLYPEPTIDES PRODUCED BY EXPRESSION OF HETEROLOGOUS NUCLEIC ACID  
IN CELLS AND ENCODED BY DNA AND HYBRIDIZE  
IN Charo Israel F; Coughlin Shaun R  
PA California, University of Regents (13234)  
PI US 5707815 A 19980113 (CITED IN 013 LATER PATENTS)

AI US 1995-450393 19950525  
 RLI US 1994-182962 19940113 CONTINUATION-IN-PART ABANDONED  
 US 1995-446669 19950525 DIVISION 6132987  
 FI US 5707815 19980113  
 US 6132987  
 DT Utility; REASSIGNED  
 FS CHEMICAL  
 GRANTED  
 MRN 013418 MFN: 0149  
 CLMN 17  
 GI 14 Drawing Sheet(s), 18 Figure(s).

L3 ANSWER 35 OF 47 BIOENG COPYRIGHT 2005 CSA on STN DUPLICATE  
 AN 2004290830 BIOENG  
 DN 3866779  
 TI Selective G protein coupling by C-C chemokine receptors  
 AU Kuang, Yanan; Wu, Yanping; Jiang, Huiping; Wu, Dianqing  
 CS Dep. Oncol., Univ. Rochester, Rochester, NY 14642, USA  
 SO Journal of Biological Chemistry [J. BIOL. CHEM.], vol. 271, no. 8, pp.  
 3975-3978, 1996  
 ISSN: 0021-9258  
 DT Journal  
 LA English  
 SL English  
 OS Chemoreception Abstracts; Immunology Abstracts

L3 ANSWER 36 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1994:452470 CAPLUS  
 DN 121:52470  
 TI Molecular cloning and functional expression of two monocyte  
 chemoattractant protein 1 receptors reveals alternative splicing of the  
 carboxyl-terminal tails  
 AU Charo, Israel F.; Myers, Scott J.; Herman, Ann; Franci, Christian;  
 Connolly, Andrew J.; Coughlin, Shaun R.  
 CS Gladstone Inst. Cardiovasc. Dis., San Francisco, CA, 94141-9100, USA  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America (1994), 91(7), 2752-6  
 CODEN: PNASA6; ISSN: 0027-8424  
 DT Journal  
 LA English

L3 ANSWER 37 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAR79165 Protein DGENE  
 TI DNA encoding monocyte chemo-attractant protein-1 receptor - used partic.  
 for identifying antagonists and for treating diseases characterised by  
 monocytic infiltrates  
 IN Charo I; Coughlin S  
 PA (REGC) UNIV CALIFORNIA.  
 PI WO 9519436 A 19950720 84p  
 AI WO 1995-US476 19950111  
 PRAI US 1994-182962 19940113  
 DT Patent  
 LA English  
 OS 1995-263866 [34]  
 CR N-PSDB: AAQ96297  
 DESC Human monocyte chemoattractant protein-1 receptor \*\*\*MCP\*\*\* -  
 \*\*\*1RA\*\*\* .

L3 ANSWER 38 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAR79170 Peptide DGENE  
 TI DNA encoding monocyte chemo-attractant protein-1 receptor - used partic.  
 for identifying antagonists and for treating diseases characterised by  
 monocytic infiltrates  
 IN Charo I; Coughlin S  
 PA (REGC) UNIV CALIFORNIA.  
 PI WO 9519436 A 19950720 84p  
 AI WO 1995-US476 19950111  
 PRAI US 1994-182962 19940113  
 DT Patent  
 LA English  
 OS 1995-263866 [34]  
 DESC End of third transmembrane domain of human MIP-1alpha/RANTES receptor.

L3 ANSWER 39 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAR79169 Peptide DGENE  
 TI DNA encoding monocyte chemo-attractant protein-1 receptor - used partic.



for identifying antagonists and for treating diseases characterised by  
monocytic infiltrates

IN Charo I; Coughlin S  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9519436 A 19950720 84p  
AI WO 1995-US476 19950111  
PRAI US 1994-182962 19940113  
DT Patent  
LA English  
OS 1995-263866 [34]  
DESC End of third transmembrane domain of human monocyte chemoattractant  
protein-1 receptor MCR-1RA.

L3 ANSWER 40 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAR79166 Protein DGENE  
TI DNA encoding monocyte chemo-attractant protein-1 receptor - used partic.  
for identifying antagonists and for treating diseases characterised by  
monocytic infiltrates

IN Charo I; Coughlin S  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9519436 A 19950720 84p  
AI WO 1995-US476 19950111  
PRAI US 1994-182962 19940113  
DT Patent  
LA English  
OS 1995-263866 [34]  
CR N-PSDB: AAQ96298  
DESC Human monocyte chemoattractant protein-1 receptor MCP-1RB.

L3 ANSWER 41 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADP65363 DNA DGENE  
TI Diagnosing and analyzing autoimmune disease using gene expression  
profiles and microarray technology, useful for diagnosing and treating  
rheumatoid arthritis, lupus, fibrositis, osteoarthritis, fibromyalgia and  
gout.

IN Hirsch R; Thorton S L  
PA (CHIL-N) CHILDREN'S HOSPITAL MEDICAL CENT.  
PI WO 2003072827 A1 20030904 56p  
AI WO 2002-US35433 20021031  
PRAI US 2001-336220P 20011031  
DT Patent  
LA English  
OS 2003-712740 [67]  
CR GENBAN;; U03882  
DESC Human monocyte chemoattractant protein 1 receptor ( \*\*\*MCP\*\*\* -  
\*\*\*1RA\*\*\* ) DNA.

L3 ANSWER 42 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAQ96297 cDNA DGENE  
TI DNA encoding monocyte chemo-attractant protein-1 receptor - used partic.  
for identifying antagonists and for treating diseases characterised by  
monocytic infiltrates

IN Charo I; Coughlin S  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9519436 A1 19950720 84p  
AI WO 1995-US476 19950111  
PRAI US 1994-182962 19940113  
DT Patent  
LA English  
OS 1995-263866 [34]  
CR P-PSDB: AAR79165  
DESC Human monocyte chemoattractant protein-1 receptor \*\*\*MCP\*\*\* -  
\*\*\*1RA\*\*\* .

L3 ANSWER 43 OF 47 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAQ96298 cDNA DGENE  
TI DNA encoding monocyte chemo-attractant protein-1 receptor - used partic.  
for identifying antagonists and for treating diseases characterised by  
monocytic infiltrates

IN Charo I; Coughlin S  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9519436 A1 19950720 84p  
AI WO 1995-US476 19950111  
PRAI US 1994-182962 19940113  
DT Patent  
LA English

OS 1995-263866 [34]  
CR P-PSDB: AAR79166  
DESC Human monocyte chemoattractant protein-1 receptor MCP-1RB.

L3 ANSWER 44 OF 47 FEDRIP COPYRIGHT 2005 NTIS on STN  
AN 2005:180054 FEDRIP  
NR CRISP 5R01DK056848-03  
TI CHEMOKINE THERAPEUTIC TARGETS FOR KIDNEY DISEASE  
SF Principal Investigator: KELLEY, VICKI R; VKELLEY@RICS.BWH.HARVARD.EDU,  
HARVARD INSTITUTES OF MEDICINE, 77 AVENUE LOUIS PASTEUR, BOSTON, MA 02115  
CSP BRIGHAM AND WOMEN'S HOSPITAL, BOSTON, MASSACHUSETTS  
CSS Supported By: NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY  
DISEASES  
DB 2002 (/01/01)  
FYR 2003  
DE 2001 (/31/05)  
FU Noncompeting Continuation (Type 5)  
FS National Institutes of Health

L3 ANSWER 45 OF 47 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): CB552719 GenBank (R)  
GenBank ACC. NO. (GBN): CB552719  
GenBank VERSION (VER): CB552719.1 GI:31301914  
CAS REGISTRY NO. (RN): 526714-96-5  
SEQUENCE LENGTH (SQL): 354  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Expressed sequence tag  
DATE (DATE): 1 Jun 2003  
DEFINITION (DEF): MMSP0021\_C06 MMSP Macaca mulatta cDNA, mRNA sequence.  
KEYWORDS (ST): EST  
SOURCE: Macaca mulatta (rhesus monkey)  
ORGANISM (ORGN): Macaca mulatta  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
Cercopithecidae; Cercopithecinae; Macaca .

NUCLEIC ACID COUNT (NA): 95 a 85 c 90 g 84 t

COMMENT:

Contact: Holzman T  
Katze Lab  
University of Washington  
Box 358070, Seattle, WA 98195-8070, USA  
Tel: 206 732 6156  
Fax: 206 732 6055  
Email: ted@locke.hs.washington.edu  
Similar to GenBank entry HSU03882 U03882 Human monocyte  
chemoattractant protein 1 receptor ( \*\*\*MCP\*\*\* - \*\*\*1RA\*\*\* )  
alternatively spliced  
mRNA, complete cds. 6/1994  
Plate: MMSP0021 row: C column: 06.

REFERENCE: 1 (bases 1 to 354)  
AUTHOR (AU): Katze, M.G.; Bumgarner, R.; Korth, M.; Feldman, R.;  
Amjadi, M.; Holzman, T.  
TITLE (TI): Expressed sequence tags from Rhesus macaque spleen  
JOURNAL (SO): Unpublished (2002)

FEATURES (FEAT):

| Feature Key | Location | Qualifier  |
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| source      | 1..354   | /organism="Macaca mulatta"<br>/db-xref="taxon:9544"<br>/clone-lib="MMSP"<br>/sex="male"<br>/cell-type="monocytes"<br>/dev-stage="adult"<br>/note="Organ: spleen" |

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121 tgtaggattg cccactcca aaaaccagtg tgtggaggtc caggagcgag accaggaaag
181 aatgtgaaag aaactacaca aggactcctt gatggtcgtg gaaaaggaaa gtcaaatggc
241 agagcccctg aagccagtct tcaaggcaga gaaggagcct aaagacagaa gtaacagacc
301 tctgcttttg aaatcacaca tctggcctca cggatgtgtg atatcacaat gtga
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L3 ANSWER 46 OF 47 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): HSMCPA02 GenBank (R)  
 GenBank ACC. NO. (GBN): U80924  
 GenBank VERSION (VER): U80924.1 GI:1773032  
 CAS REGISTRY NO. (RN): 391827-34-2  
 SEQUENCE LENGTH (SQL): 5471  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 24 Jul 1997  
 DEFINITION (DEF): Human monocyte chemoattractant protein 1 receptor gene,  
 two alternatively spliced forms, complete cds.  
 SEGMENT: 2 of 2  
 SOURCE: human.  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 1540 a 1127 c 1324 g 1480 t  
 REFERENCE: 1 (bases 1 to 5471)  
 AUTHOR (AU): Wong,L.M.; Myers,S.J.; Tsou,C.L.; Gosling,J.; Arai,H.;  
 Charo,I.F.  
 TITLE (TI): Organization and differential expression of the human  
 monocyte chemoattractant protein 1 receptor gene.  
 Evidence for the role of the carboxyl-terminal tail in  
 receptor trafficking  
 JOURNAL (SO): J. Biol. Chem., 272 (2), 1038-1045 (1997)  
 OTHER SOURCE (OS): CA 126:102953  
 REFERENCE: 2 (bases 1 to 5471)  
 AUTHOR (AU): Myers,S.J.; Charo,I.F.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (04-DEC-1996) Pharmacology, Emory University,  
 1510 Clifton Road, Atlanta 30322, USA

# FEATURES (FEAT):

| Feature Key | Location                        | Qualifier  |
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| mRNA        | join(1555..2546,<br>3756..5007) | /note="alternatively spliced form<br>with A-form carboxyl tail"<br>/product="monocyte chemoattractant<br>protein 1 receptor"   |
| mRNA        | 1555..3496                      | /note="alternatively spliced form<br>with B-form carboxyl tail"<br>/product="monocyte chemoattractant<br>protein 1 receptor"   |
| CDS         | join(1606..2546,<br>3756..3939) | /note="MCP-1RA receptor;<br>alternatively spliced form<br>including A-form carboxyl tail"<br>/codon-start=1<br>/product="monocyte chemoattractant<br>protein 1 receptor"<br>/protein-id="AAC51637.1"<br>/db-xref="GI:1816525"<br>/translation="MLSTSRSRFIRNTNESGEEV<br>TTFFDYDYGAPCHKFDVKQIGAQL<br>LPPLYSLVFIFGFVGNMLVVLILINCKKLKCLTD<br>IYLLNLAISDLLFLITLPLWAHSA<br>ANEWVFGNAMCKLFTGLYHIGYFGGIIFFIILLTI<br>DRYLAIVHAVFALKARTVTFGVVT<br>SVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYF<br>PRGWNNFHTIMRNILGLVLP LLIM<br>VICYSGILKTLLRCRNEKKRHRRAVRVIFTIMIVY<br>FLFWTPYNIVILLNTFQEFFGLSN<br>CESTSQLDQATQVTETLGMTHCCINPIIYAFVGE<br>KFRSLFHIALGCRIAPLQKPVC GG<br>PGVRPGKNVKVTQGLLDGRGKGK SIGRAPEASL<br>QDKEGA" |
| CDS         | 1606..2688                      | /note="MCP-1RB receptor;<br>alternatively spliced form<br>including B-form carboxyl tail"<br>/codon-start=1<br>/product="monocyte chemoattractant<br>protein 1 receptor"<br>/protein-id="AAC51636.1"<br>/db-xref="GI:1773034"  |

/translation="MLSTSRSRFIRNTNESGEEV  
 TTFDDYDYGAPCHKFDVKQIGAQL  
 LPPLYSLVFIFGFVGNMLVLILINCKKLKCLTD  
 IYLLNLAISDLLFLITLPLWAHSA  
 ANEWVFGNAMCKLFTGLYHIGYFGGIIILLTI  
 DRYLAIVHAVFALKARTVTFGVVT  
 SVITWLVAVFASVPGIIFTKCKEDSVYVCGPYF  
 PRGWNNFHTIMRNILGLVLPLLIM  
 VICYSGILKTLRLCRNEKKRHRVRVIFTIMIVY  
 FLFWTPYNIVILLNTFQEFFGLSN  
 CESTSQLDQATQVTETLGMTHCCINPIIYAFVGE  
 KFRRLSVFFRKHITKRCKQCPV  
 FYRETVDGVTSTNTPSTGEQEVSAGL"

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| 1    | ccaaaactgc  | tcctaatttt  | cagaaggaga | agcaaccag   | ggcaatgcc   | aattttgctt   |
| 61   | cttagcaatg  | gaggaatcca  | caatcggaag | gagttttcag  | cagtgtccca  | tttggggtgg   |
| 121  | gttgaatttg  | agggtccctgc | atgataccca | ctttgtcac   | ttcagtgcct  | aaaactgagt   |
| 181  | atggttcata  | gtaggtgttc  | aataagtgtt | gatacagtga  | atacatgcat  | ggggagatat   |
| 241  | gcacaggca   | atgggaaatt  | caactctaag | gcttagggga  | aagctggagc  | ttgaagacag   |
| 301  | agcttttagaa | aacagtagca  | tagaaggag  | taggaacat   | gagtttagac  | aatacaattc   |
| 361  | aggaagaact  | ttgtagcaag  | gataaagagc | caaaaaatta  | aagaggtgag  | agctaagtgt   |
| 421  | ggtgcctggg  | gaatcttaag  | gtgtgggcac | ggggaggaga  | tgccaccaa   | gaacatgaat   |
| 481  | aaaaagcgg   | agcacagccc  | ctcccatctg | gaagccaaa   | agaattgtaa  | atggaggaag   |
| 541  | ttagcagaag  | gatcaaatat  | ttgaagagg  | tggaattgga  | ataaaaaccag | ggcatttgaa   |
| 601  | aaattgggtt  | gtcactgcaa  | tcttaacaag | agaagttttg  | gcaggatgat  | ggaggcagaa   |
| 661  | agctgagaga  | atcatcagtt  | agaacgtttt | tgacttcaga  | gaacagaaaa  | tgcagttcat   |
| 721  | aatggcttta  | aaacaggggc  | ttgtttttct | cccagcaatt  | tgagaggcca  | aggcgggtgc   |
| 781  | atcaggaggt  | caagagaccg  | agaccatcct | gccaacatgg  | tgaatcccca  | tctctactaa   |
| 841  | aaatacaaaa  | attagcgggc  | catggtggtg | cagcctata   | gtcccatcta  | ctcaggaggc   |
| 901  | tgaggcagga  | gaatcacttg  | aaccagagag | gtggaggttg  | cagtgagctg  | agatcatggc   |
| 961  | cactgcacta  | tagcctggag  | acacagcgag | actccgtctc  | caaaaaaaaa  | aaaaaaaaagaa |
| 1021 | ggcagaaggt  | gaatagtcca  | agggtgggtt | taggactcag  | tgataatagg  | attctgcctg   |
| 1081 | gcttctcatg  | gttctctagg  | tcttccattc | atggcaccat  | gccctcacta  | ggcatgctgc   |
| 1141 | cagagcagga  | gggcgtccac  | cttctcttgt | gccttcttat  | caggggaagaa | gactttctca   |
| 1201 | gaaccccca   | gcagactccc  | ttttcatatt | atggtccagc  | aatgagtcac  | aagacctatg   |
| 1261 | caccacctgc  | aaaggagcca  | gagaaaacaa | acgcccagcg  | cttttagcct  | gaaaatgaga   |
| 1321 | atctggtttg  | ctgggggaaga | taaagggtgt | cggaaaatgg  | ctggtgggta  | aatcattgat   |
| 1381 | gtctgccact  | aggaatgaaa  | ggcaaatcag | gaactggcac  | acatgctttc  | aggagatagg   |
| 1441 | ctgcaaggga  | gagggcaaa   | actgggaagt | tgcttatgtg  | gtgccagact  | atttggaaga   |
| 1501 | tcatggattg  | cgggtgtttg  | gttgtgtggt | catcattttg  | ttctttgttt  | acagaacaga   |
| 1561 | gaaagtggat  | tgaacaagga  | cgcatttccc | cagtacatcc  | acaacatgct  | gtccacatct   |
| 1621 | cgttctcgg   | ttatcagaaa  | taccaacag  | agcgggtgaag | aagtcaccac  | cttttttgat   |
| 1681 | tatgattacg  | gtgtccctg   | tcataaattt | gacgtgaagc  | aaattggggc  | ccaactcctg   |
| 1741 | cctccgctct  | actcgctggt  | gttcatcttt | ggttttgtgg  | gcaacatgct  | ggtcgtcctc   |
| 1801 | atcttaataa  | actgcaaaaa  | gctgaagtgc | ttgactgaca  | tttacctgct  | caacctggcc   |
| 1861 | atctctgatc  | tgctttttct  | tattactctc | ccattgtggg  | ctcactctgc  | tgcaaatgag   |
| 1921 | tgggtctttg  | ggaatgcaat  | gtgcaaatca | ttcacagggc  | tgtatcacat  | cggttatttt   |
| 1981 | ggcggaaatc  | tcttcatcat  | cctcctgaca | atcgatagat  | acctggctat  | tgtccatgct   |
| 2041 | gtgtttgctt  | taaaagctc   | gacggtcacc | tttggggtgg  | tgacaagtgt  | gatcacctgg   |
| 2101 | ttggtggctg  | tgtttgcttc  | tgctccagga | atcatcttta  | ctaaatgcca  | gaaagaagat   |
| 2161 | tctgtttatg  | tctgtggccc  | ttattttcca | cgaggatgga  | ataatttcca  | cacaataatg   |
| 2221 | aggaacattt  | tggggctggt  | cctgccgctg | ctcatcatgg  | tcactctgta  | ctcgggaatc   |
| 2281 | ctgaaaaccc  | tgcttcgggt  | tcgaaacgag | aagaagaggc  | atagggcagt  | gagagtcatc   |
| 2341 | ttcaccatca  | tgattgttta  | ctttctcttc | tggaactcct  | ataacattgt  | cattctcctg   |
| 2401 | aacaccttcc  | aggaattctt  | cggcctgagt | aactgtgaaa  | gcaccagtca  | actggaccaa   |
| 2461 | gccacgcagg  | tgacagagac  | tcttgggagt | actcactgct  | gcataaatcc  | catcatctat   |
| 2521 | gccttcgctt  | gggagaagtt  | cagaaggat  | ctctcggtgt  | tcttccgaaa  | gcacatcacc   |
| 2581 | aagcgcttct  | gcaaacaatg  | tccagttttc | tacaggggaga | cagtggatgg  | agtgacttca   |
| 2641 | acaaacacgc  | cttccactgg  | ggagcaggaa | gtctcggctg  | gtttataaaa  | cgaggagcag   |
| 2701 | tttgattggt  | gtttataaa   | ggagataaca | atctgtatat  | aacaacaaac  | ttcaagggtt   |
| 2761 | tggtgaacaa  | tagaaacctg  | taaagcaggt | gcccaggaa   | ctcagggctg  | tgtgtactaa   |
| 2821 | tacagactat  | gtcacccaat  | gcataatcaa | catgtgctca  | gggaataatc  | cagaaaaact   |
| 2881 | gtgggtagag  | actttgactc  | tccagaaagc | tcatctcagc  | tcctgaaaaa  | tgccctatta   |
| 2941 | ccttgtgcta  | atcctctttt  | tctagtcttc | ataatttctt  | cactcaatct  | ctgattctgt   |
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L3 ANSWER 47 OF 47 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC):          HSU03882          GenBank (R)
GenBank ACC. NO. (GBN): U03882
GenBank VERSION (VER): U03882.1  GI:472555
CAS REGISTRY NO. (RN): 384568-23-4
SEQUENCE LENGTH (SQL): 2232
MOLECULE TYPE (CI):   mRNA; linear
DIVISION CODE (CI):   Primates
DATE (DATE):          22 Jun 1994
DEFINITION (DEF):     Human monocyte chemoattractant protein 1 receptor (
                        ***MCP*** - ***1RA*** ) alternatively spliced mRNA,
                        complete cds.
SOURCE:                human.
ORGANISM (ORGN):      Homo sapiens
                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                        Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                        Hominidae; Homo
NUCLEIC ACID COUNT (NA): 602 a 464 c 508 g 658 t
REFERENCE:              1 (bases 1 to 2232)
AUTHOR (AU):           Charo,I.F.; Myers,S.J.; Herman,A.; Franci,C.;
                        Connolly,A.J.; Coughlin,S.R.
TITLE (TI):            Molecular cloning and functional expression of two
                        monocyte chemoattractant protein 1 receptors reveals
                        alternative splicing of the carboxyl-terminal tails
JOURNAL (SO):           Proc. Natl. Acad. Sci. U.S.A., 91 (7), 2752-2756 (1994)
OTHER SOURCE (OS):     CA 121:52470
REFERENCE:              2 (bases 1 to 2232)
AUTHOR (AU):           Myers,S.J.
TITLE (TI):            Direct Submission
JOURNAL (SO):           Submitted (01-DEC-1993) Scott J. Myers, Cardiovascular,
                        The Gladstone Institutes, 2550 23rd Street, San
                        Francisco, CA 94110, USA

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